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工程心·社會情

WK Lo's Sharings

Opportunities for engineering consultants in the Greater Bay Area Development

ACEHK

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6 July 2018

Building Global Competitiveness

Challenges:

- global economic slowdown
- seek new opportunities for economic growth



Opportunities:

- One country, two systems
- One Belt One Road Initiative
- Greater Bay Area Development



Greater Bay Area accounts for only 1% of the land, 5% of the population, but it has contributed 12% of the national GDP

| 排名 | 城市 | GDP总值 (亿元) | 增速 | 备注 |
|----|----|-----------------|--------|----------|
| 1 | 香港 | 22056 | 1.90% | 24891亿港币 |
| 2 | 广州 | 19611 | 8.20% | |
| 3 | 深圳 | 19493 | 9% | |
| 4 | 佛山 | 8630 | 8.30% | |
| 5 | 东莞 | 6828 | 8.10% | |
| 6 | 惠州 | 3412 | 8.20% | |
| 7 | 中山 | 3203 | 7.80% | |
| 8 | 澳门 | 3086 | -2.10% | 3582亿澳元 |
| 9 | 江门 | 2419 | 7.40% | |
| 10 | 珠海 | 2226 | 8.50% | |
| 11 | 肇庆 | 2084 | 5.00% | |
| 合计 | | 93048 / 1.35亿美元 | | |

| 排名 | 城市 | 2014 (万人) | 2015 (万人) | 2016 (万人) |
|----|----|-----------|-----------|-----------|
| 1 | 广州 | 1308.05 | 1350.11 | 1404.35 |
| 2 | 深圳 | 1077.89 | 1137.87 | 1190.84 |
| 3 | 东莞 | 834.31 | 825.41 | — |
| 4 | 佛山 | 735.09 | 743.06 | — |
| 5 | 香港 | 725.29 | 730.97 | 737.49 |
| 6 | 惠州 | 742.66 | 745.55 | — |
| 7 | 江门 | 415.14 | 415.95 | — |
| 8 | 肇庆 | 403.58 | 405.96 | — |
| 9 | 中山 | 319.27 | 320.96 | — |
| 10 | 珠海 | 161.42 | 163.41 | — |
| 11 | 澳门 | 64.07 | 64.68 | 64.49 |
| 合计 | | 6786.77 | 6903.93 | |

Comparison of the 4 major bay areas in the world

Table 1: Comparison of the Bay Areas

表一：各大灣區對比

| | GHM Bay Area 粵港澳大灣區 | Tokyo Bay Area 東京灣區 | New York Bay Area 紐約灣區 | San Francisco Bay Area 三藩市灣區 |
|---|------------------------|------------------------|---------------------------|---------------------------------|
| Area (km ²) 面積(平方公里) | 56,000 5.6萬 | 37,000 3.7萬 | 22,000 2.2萬 | 18,000 1.8萬 |
| Population 人口 | 66.7 million 6,670萬 | 43.8 million 4,380萬 | 23.4 million 2,340萬 | 7.6 million 760萬 |
| 2015 GDP (USD) 2015年GDP(美元) | 1.3 trillion 1.3萬億 | 1.8 trillion 1.8萬億 | 1.4 trillion 1.4萬億 | 0.8 trillion 0.8萬億 |
| Container Throughput (TEU) 港口貨櫃吞吐量(TEU) | 65.2 million 6,520萬 | 7.66 million 766萬 | 6.37 million 637萬 | 2.27 million 227萬 |
| Airport Passenger Throughput 機場旅客吞吐量(人次) | 150 million 1.5億 | 110 million 1.1億 | 130 million 1.3億 | 70 million 0.7億 |

Source: Constitutional and Mainland Affairs Bureau

資料來源：政制及內地事務局

| 灣區各項指標 | 粵港澳灣區 | 東京灣區 | 三藩市灣區 | 紐約灣區 |
|------------------|------------------|-------------------------|---------------|----------------|
| 代表產業 | 電子、金融、 互聯網、航運 | 裝備製造、鋼 鐵、化工、現 代物流 | 電子、互聯網、 生物 | 金融、港口、 電腦 |
| 代表公司 | 華為、騰訊、 招商局、大疆 | 索尼、三菱、 富士通 | 蘋果、谷歌、 微軟 | IBM、花旗、 AIG |
| 100 強大學數量 (所) | 4 | 2 | 3 | 2 |
| 世界 500 強企業 (家) | 16 | 60 | 22 | 28 |

Development of Greater Bay Area

a) **Greater Bay Area produced USD1.3 trillion of GDP in 2015, which was lower than that of Tokyo Bay Area, but comparable to New York Bay Area, higher than San Francisco Bay Area**



Development of Greater Bay Area

b) Upstream and Downstream

Supply Chain

- Guangdong ranks first in terms of industrial value-added and export compared to other provinces
- Strengths in logistics, industrial structure and comprehensive supporting facilities
- Moves towards automation and high value-added production



Development of Greater Bay Area

c) Transportation and Logistics

- Air and sea cargo throughput rank first not only in China but also in the world
- Air passengers reached 150 millions in 2015, highest compared with other bay areas
- Obvious advantages in terms of geographical location and logistics infrastructure in serving the Belt and Road



Development of Greater Bay Area

d) ICT and High-tech Industry Cluster

- In 2015, the shares of advanced manufacturing industry and high-tech manufacturing industry amounted to 53.9% and 31.8% in PRD's total value-added industrial output respectively
- R&D spending as a share of GDP reached 2.7%



Development of Greater Bay Area

e) Pearl River Estuary is further enhanced

- Hong Kong-Zhuhai-Macau Bridge
- Guangzhou–Shenzhen–Hong Kong Express Rail Link
- New projects for :
Shenzhen-Zhongshan,
Humen



Roles for Hong Kong

- Take advantage of the convergence of the five flows, namely the flows of people, goods, capital, information and services
- Provide different platforms (such as those for fund-raising and financing, high-end professional services, emerging industries and business facilitation) to assist the Belt and Road development


$$1 + 1 > 2$$



Competitive advantages of Hong Kong

- Hong Kong's strengths in financial services, professional services and international ties can contribute to the transformation and upgrading of the industrial and commercial development in the Greater Bay Area



Reform in the China(Guangdong) Free Trade Zone (FTZ)



- Service sector will be open wider to foreign investment
- Restrictions on operation periods for foreign-invested enterprises will be canceled

Reform in the China(Guangdong) Free Trade Zone (FTZ)

- Promote the use of scientific research funds
- Allow wholly-owned Hong Kong companies to participate in construction projects
- Adopt the management model of Hong Kong construction and engineering companies
- Promote innovation and entrepreneurship among the younger generation

Moved an amendment to the motion “Strengthening regional collaboration and jointly building the Guangdong-Hong Kong-Macao Bay Area” on 31 May, 2018



Letter to the Ministry of Housing and Urban-Rural Development (MOHURD)

- Joint letter by Hon Tony Tse and I sent in April
- Urge to relax of scope of works of Hong Kong invested construction and engineering enterprises
- The MOHURD replied in June that they will seriously consider our suggestions and relax the restrictions, through CEPA

Key success factors:

- **Government policy**
- **Our unrelenting support and effort to see these economic, social and administrative incentives to come into light**



Let us work together to capture the opportunities brought about by the economic evolution in the Greater Bay Area!





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